

MIDHUN MOHAN P

Mechanical Design Engineer

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CAREER PROFILE

Seeking the position of a Mechanical designer in a firm that progresses dynamically and provides me an opportunity to enhance my skills and update my knowledge. My areas of expertise include Mechanical design, Product design & development , manufacture and assembly , 3D modelling ,2 D drafting

RELEVANT PROFESSIONAL EXPERIENCE & PROJECTS

1. January 2019 to present – mechanical design engineer – **Engineers Electric and Allied Engineering Industries**
 - Responsible for managing and assisting product development project with 3d design and drafting
 - Designing and updating products based on client requirements
 - Creating or modifying motor parts and pump parts
 - Preparing 2d drawing and drafting using AutoCAD 2016
 - Creating 3d models using solidworks 2020
 - Making prototypes for testing
 - Develop test models to final product
 - Product labels designing
 - packing case designing
 - product catalog designing
2. September 2017 – intern - **cochin shipyard limited** (a government of India enterprise, ministry of shipping)

EDUCATIONAL QUALIFICATION

1. Bachelor of technology in **Mechanical Engineering** , Kannur university 2018

Projects

1. **Designed and constructed a hovercraft**

- Designed and built working hovercraft
- Carrying capacity of 90 kg

2. **Design and development of vortex tube**

- Design small purpose vortex tube
- Prototype making using mild steel
- It can be separated hot and cold air from compressed air

3. **Effective cooling system without refrigerants for a limited space**

- Using vortex tube design and analyze mini cooling system
- Vortex tube can be used for a long period without any maintenance or replacement

2.Certified course on proficient in **solidworks** , cadd Centre 2021

SKILL SETS

Technical skills

Manufacturing technology, Solid or 3d modeling, Drafting, Concept development, Sketching, Research, Rendering, product visualization

Software skills

AutoCAD (advanced 2d drafting) **solid works** (certified), **Catia v5** (beginner) **Creo** (beginner), **Adobe Photoshop** (advanced), **MS word, MS power point.**

INTEREST

Clay modelling
Drawing
Sketching

CONTACT

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